

Moon Landing LKS2+ Worksheet:

What I Learnt on the Moon Landing Coding Adventure

What I learnt today

We hope you really enjoyed the Moon Landing Coding Adventure and meeting 'Professor' Trice and AL the Robot. You learnt some important computer words:

algorithm, design, test, debug

Let's see if you remember what they mean. Complete these sentences:

- 1) An algorithm is a
- 2) Before you write your algorithm you should design it – what does this mean?
.....
- 3) When you have written your algorithm (or even just parts of it) what do you need to do before you know it is working?
- 3) Explain what debugging is:

Draw your favourite part of the show!

'Professor' Trice and AL the Robot would love to hear about your favourite part of the show.

Draw your favourite part of the show

Describe what you loved about the show:

.....

.....

Answers:
An algorithm is a **step-by-step set of instructions**. Before you write your algorithm you should design it – what does this mean? You should think things through before you start. When you have written your algorithm what do you need to do before you know it is working? **Test it**. Explain what debugging is: **when you try different things until you get what you hoped for**.